

WHAT IS CLAIMED IS:

1. A polypeptide consisting of from 4 to 9 amino acids, wherein the polypeptide is capable of inhibiting the activation of factor X in the presence of coagulation factor VIIIa, and the polypeptide is derived from helix 330 of a factor IXa.
2. The polypeptide of claim 1 wherein the polypeptide consists of SEQ ID NO:2.
3. The polypeptide of claim 1 wherein the polypeptide consists of SEQ ID NO:5.
4. The polypeptide of claim 3 wherein the polypeptide consists of SEQ ID NO:6, SEQ ID NO:7 or SEQ ID NO:8.
5. The polypeptide of claim 1 wherein the polypeptide consists of SEQ ID NO:9.
6. The polypeptide of claim 5 wherein the polypeptide consists of SEQ ID NO:10.
7. A composition having anticoagulation activity wherein the composition comprises a polypeptide consisting of SEQ ID NO:2.
8. A composition having anticoagulation activity wherein the composition comprises a polypeptide consisting of SEQ ID NO:5.
9. The composition of claim 8 wherein the polypeptide is SEQ ID NO:6.
10. The composition of claim 8 wherein the polypeptide is SEQ ID NO:7.
11. The composition of claim 8 wherein the polypeptide is SEQ ID NO:8.
12. A composition having anticoagulation activity wherein the composition comprises a polypeptide consisting of SEQ ID NO:9.
13. The composition of claim 12 wherein the polypeptide is SEQ ID NO:10.